

IN THE SPECIFICATION:

Page 1, lines 4-9, cancel the Cross Reference of Related Application and substitute therefor:

~~4~~Cross Reference of Related Applications

This application is a continuation of application Serial No. 07/368,831, filed on June 20, 1989; which is a continuation-in-part of application Serial No. 07/192,475, filed on May 10, 1988; which is a continuation-in-part of application Serial No. 06/870,177, filed on June 3, 1986, now U.S. Patent No. 4,743,906; which is a continuation-in-part of application Serial No. 06/677,597, filed on December 3, 1984, now U.S. Patent No. 4,641,317.

This application is also a continuation-in-part of International Application No. PCT/US90/01174, filed on March 2, 1990, which is a continuation-in-part of International Application No. PCT/US89/01020, filed on March 10, 1989. Said PCT Application No. PCT/US89/01020 is also a continuation-in-part of U.S. application Serial No. 07/010,440, filed on February 3, 1987, now U.S. Patent No. 4,813,057. ✓

Cancel the present Abstract and substitute the following therefor:

--A time domain communications system wherein a broadband of time-spaced signals, essentially monocycle-like signals, are derived from applying stepped-in-amplitude signals to a broadband antenna, in this case, a reverse bicone antenna. When received, the thus transmitted signals are multiplied by a D.C. replica of